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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=4; day=29; hr=9; min=34; sec=39; ms=660;]

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Application No: 10538423 Version No: 2.0

Input Set:

Output Set:

Started: 2009-04-23 19:22:09.022
Finished: 2009-04-23 19:22:09.333
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 311 ms
Total Warnings: 2
Total Errors: 0
No. of SeqIDs Defined: 3
Actual SeqID Count: 3

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
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SEQUENCE LISTING

<110> Majumder, Arunendra
Manoj, Majee

<120> A salt tolerant L-myo-inositol 1-phosphate synthase and the process of obtaining the same

<130> 4544-051674

<140> 10538423

<141> 2006-01-30

<150> PCT/IN2003/000065

<151> 2003-03-21

<160> 3

<170> MicrosoftWord 2003

<210> 1

<211> 1536

<212> DNA

<213> Porteresia coarctata

<220>

<400> 1

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ggctgggaca tttagcaacat gaaacctggct gatgctatga ccaggccaa ggtgctggac 480

attgatctgc agaaggcagct taggcattac atggaggctt ggtgcctctc cctggcatct 540

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ccaagaagga gcagatgggg cagatcatca aaggacatca gggagttcaa ggaaaataaac 660

aaaatggaca aggccgtgggt gttgtggact gcaaacactg aaaggtaaa caattgtctg 720

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ctgcctgatc cgggggatt aattcaaaaa aggggcaaac caaaaaaaaaa aaccggcttg	960
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<212> PRT

<213> Oryza sativa

<220>

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His Glu Ser His Asp Gly Ala Ser Arg Tyr Ile Val Arg Pro Lys Ser		
35	40	45

Val Arg Tyr Asn Phe Arg Thr Thr Thr Val Pro Lys Leu Gly Val		
50	55	60

Met Leu Val Gly Tyr Gly Asn Asn Gly Ser Thr Leu Thr Ala Gly			
65	70	75	80

Val Ile Ala Asp Arg Glu Gly Ile Ser Trp Ala Thr Lys Asp Lys Val		
85	90	95

Gln Gln Ala Asn Tyr Tyr Gly Ser Leu Thr Gln Ala Ser Thr Ile Arg		
100	105	110

Val Gly Ser Tyr Asn Gly Glu Glu Ile Tyr Ala Pro Phe Lys Ser Leu		
115	120	125

Leu Pro Met Val Asn Pro Asp Asp Leu Val Phe Gly Gly Trp Asp Ile	
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130 135 140
Ser Asn Met Asn Leu Ala Asp Ala Met Thr Arg Ala Lys Val Leu Asp
145 150 155 160

Ile Asp Leu Gln Lys Gln Leu Arg Pro Tyr Met Glu Ser Met Val Pro
165 170 175

Leu Pro Gly Ile Tyr Asp Pro Asp Val Ile Ala Ala Asn Gln Gly Ser
180 185 190

Arg Ala Asn Asn Val Ile Lys Gly Thr Lys Lys Glu Gln Met Glu Gln
195 200 205

Ile Ile Lys Asp Ile Arg Glu Phe Lys Glu Lys Ser Lys Val Asp Lys
210 215 220

Val Val Val Leu Trp Thr Ala Asn Thr Glu Arg Tyr Ser Asn Val Cys
225 230 235 240

Val Gly Leu Asn Asp Thr Met Glu Asn Leu Leu Ala Ser Val Asp Lys
245 250 255

Asn Glu Ala Glu Ile Ser Pro Ser Thr Leu Tyr Ala Ile Ala Cys Val
260 265 270

Met Glu Gly Ile Pro Phe Ile Asn Gly Ser Pro Gln Asn Thr Phe Val
275 280 285

Pro Gly Leu Ile Asp Leu Ala Ile Lys Asn Asn Cys Leu Ile Gly Gly
290 295 300

Asp Asp Phe Lys Ser Gly Gln Thr Lys Met Lys Ser Val Leu Val Asp
305 310 315 320

Phe Leu Val Gly Ala Gly Ile Lys Pro Thr Ser Ile Val Ser Tyr Asn
325 330 335

His Leu Gly Asn Asn Asp Gly Met Asn Leu Ser Ala Pro Gln Thr Phe
340 345 350

Arg Ser Lys Glu Ile Ser Lys Ser Asn Val Val Asp Asp Met Val Ser
355 360 365

Ser Asn Ala Ile Leu Tyr Glu Leu Gly Glu His Pro Asp His Val Val
370 375 380

Val Ile Lys Tyr Val Pro Tyr Val Gly Asp Ser Lys Arg Ala Met Asp
385 390 395 400

Glu Tyr Thr Ser Glu Ile Phe Met Gly Gly Lys Ser Thr Ile Val Leu
405 410 415

His Asn Thr Cys Glu Asp Ser Leu Leu Ala Ala Pro Ile Ile Leu Asp
420 425 430

Leu Val Leu Leu Ala Glu Leu Ser Thr Arg Ile Gln Leu Lys Ala Glu
435 440 445

Gly Glu Glu Lys Phe His Ser Phe His Pro Val Ala Thr Ile Leu Ser
450 455 460

Tyr Leu Thr Lys Ala Pro Leu Val Pro Pro Gly Thr Pro Val Val Asn
465 470 475 480

Ala Leu Ala Lys Gln Arg Ala Met Leu Glu Asn Ile Met Arg Ala Cys
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Val Gly Leu Ala Pro Glu Asn Asn Met Ile Leu Glu Tyr Lys
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<211> 512
<212> PRT
<213> Porterlesia coarctata

<220>

<400> 3

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His Glu Ser His Asp Gly Ala Ser Arg Trp Val Val Arg Pro Lys Ser
35 40 45

Val Gln Tyr His Phe Arg Thr Ser Thr Thr Val Pro Lys Leu Gly Val
50 55 60

Met Leu Val Gly Trp Gly Gly Asn Asn Gly Ser Thr Leu Thr Ala Gly
65 70 75 80

Val Ile Ala Ser Arg Glu Gly Ile Ser Trp Ala Thr Lys Asp Lys Val
85 90 95

Gln Gln Ala Asn Tyr Tyr Gly Ser Leu Thr Gln Ala Ser Thr Ile Arg
100 105 110

Val Gly Ser Tyr Asn Gly Glu Glu Ile Tyr Ala Pro Phe Lys Ser Leu
115 120 125

Leu Pro Met Val Asn Pro Asp Asp Leu Val Phe Gly Gly Trp Asp Ile
130 135 140

Ser Asn Met Asn Leu Ala Asp Ala Met Thr Arg Ala Lys Val Leu Asp
145 150 155 160

Ile Asp Leu Gln Lys Gln Leu Arg Pro Tyr Met Glu Ser Trp Cys Leu
165 170 175

Ser Leu Ala Ser Met Ile Pro Thr Ser Ser Pro Leu Thr Arg Asp Pro
180 185 190

Ala Arg Thr Met Ser Ser Arg Glu Pro Arg Arg Ser Arg Trp Gly Arg
195 200 205

Ser Ser Lys Asp Ile Arg Glu Phe Lys Glu Asn Asn Lys Met Asp Lys
210 215 220

Ala Val Val Leu Trp Thr Ala Asn Thr Glu Arg Tyr Asn Asn Cys Leu
225 230 235 240

Cys Leu Gly Leu Met Thr Asn Gly Lys Pro Ser Ala Ser Val Asp Arg
245 250 255

Asn Gln Ala Glu Ile Ser Pro Ser Thr Leu Tyr Cys His Cys Leu Ala
260 265 270

Ser Leu Glu Gly Val Arg Ser Ile Thr Gly Ala Leu Lys Lys Lys Ser
275 280 285

Trp Pro Gly Ile Asp Asp Leu Ala Ile Lys Lys Lys Leu Pro Asp Pro
290 295 300

Gly Gly Leu Ile Gln Lys Arg Gly Lys Pro Lys Lys Lys Thr Gly Leu
305 310 315 320

Val Asp Phe Leu Met Gly Ala Gly Ile Lys Pro Thr Ser Ile Val Ser
325 330 335

Tyr Asn His Leu Gly Asn Asn Asp Gly Thr Asn Leu Ser Ala Pro Gln
340 345 350

Thr Phe Arg Ser Lys Glu Ile Ser Lys Ser Ser Val Val Asp Asp Met
355 360 365

Val Ser Ser Asn Ala Ile Leu Tyr Glu Pro Gly Glu His Pro Asp His
370 375 380

Val Val Val Ile Lys Tyr Val Pro Tyr Val Gly Asp Ser Lys Arg Ala
385 390 395 400

Met Asp Glu Tyr Thr Ser Glu Ile Phe Met Gly Gly Lys Asn Thr Ile
405 410 415

Val Leu His Asn Thr Cys Glu Asp Ser Leu Leu Ala Ala Pro Ile Ile
420 425 430

Leu Asp Leu Val Leu Leu Ala Glu Leu Ser Thr Arg Ile Gln Leu Lys
435 440 445

Gly Glu Gly Glu Glu Lys Phe His Ser Phe His Pro Val Ala Thr Ile
450 455 460

Leu Ser Tyr Leu Thr Lys Ala Pro Leu Val Pro Pro Gly Thr Pro Val
465 470 475 480

Val Asn Ala Leu Ala Lys Gln Arg Ala Met Leu Glu Asn Ile Met Arg
485 490 495

Ala Cys Val Gly Leu Ala Pro Glu Asn Asn Met Ile Leu Glu Tyr Lys
500 505 510